



## Product Safety Summary – JeSOL<sup>®</sup>-9

This Product Safety Summary is a high-level summary intended to provide the general public with an overview of product safety information on this chemical substance. It is not intended to provide emergency response, medical or treatment information, or to provide an overview of all safety and health information. This summary is not intended to replace the Safety Data Sheet (SDS). For detailed guidance on the use or regulatory status of this substance, please consult the SDS.

### Chemical Identity

JeSOL<sup>®</sup>-9

CAS: Proprietary

EC: Proprietary

### Product Overview

- Merichem's JeSOL<sup>®</sup>-9 solution is a specially formulated treating solution used in a MERICAT J unit to remove mercaptans from jet fuel.
- Contact with JeSOL<sup>®</sup>-9 can cause skin burns and eye damage. JeSOL<sup>®</sup>-9 is corrosive to metals. JeSOL<sup>®</sup>-9 contains a component suspected of damaging fertility or the unborn child. It is harmful to aquatic life with long lasting effects.
- The material is stable at standard temperature and pressure and is not reactive.
- For further health and safety information, please consult the SDS.

### Physical/Chemical Properties

- JeSOL<sup>®</sup>-9 is a clear, yellow to yellow-brown liquid with a antiseptic odor
- pH = 12 – 13 (1% solution)
- Initial Boiling point = 239 °F
- Flash point = Not Applicable
- Not an oxidizer and not explosive
- Vapor density = Not Available
- Vapor Pressure = 3.5 – 3.9 mm Hg @ 20°C
- Water soluble
- Stable (not reactive) at standard temperature and pressure

### Health Information

JeSOL<sup>®</sup>-9 is acutely toxic (oral). Contact can cause skin corrosion and irritation, serious eye damage and/or eye irritation, and can cause reproductive toxicity

#### Skin contact

Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a physician or poison control center immediately. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse.

### Ingestion

Call a physician or poison control center immediately. DO NOT INDUCE VOMITING. Rinse mouth. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

### Inhalation

Move to fresh air. Call a physician if symptoms develop or persist.

### Eye Contact

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control center immediately.

## **Environmental Information**

- Ecotoxicity – Harmful to aquatic life with long lasting effects.
- Persistence and degradability – no data available
- Bioaccumulation potential – no data available
- Mobility in soil – no data available

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this product.

## **Additional Hazards**

None known.

## **Exposure Potential**

JeSOL<sup>®</sup>-9 is intended as an industrial product only; no direct consumer contact is expected to occur. Users should handle this material in strict accordance with SDS guidelines and common industry practices.